

PRIT Recovery Criteria Sub-team Agenda

December 9, 2016

12:30PM – 2:30 PM EST

Phone call and Adobe Connect

Participants: Kipp Frohlich, David Shindle, Mike Runge, Dave Onorato, Randy Kautz, Seth Willey.

Guests: Amber Crooks, Elizabeth Fleming

Agenda Topic	Leader	Outcomes/Desired Result
Threats Factor D Regulatory	Seth Willey	Review/update/discuss
Prey Based criteria	Kipp Frohlich	Review/update/discuss
Habitat Criteria update	Randy	Update
Human caused mortality criteria	Team	Review/update/discuss

Notes:

SW presented (via PowerPoint) back ground info on Factor D as well as a refinement of the criteria developed at the spring meeting.

Need to develop a post delisting monitoring plan. Involved both a monitoring component that would begin prior to delisting and a way of accounting for remnant threats. Generation time is 4.6 yrs. for panthers and need to change this in presentation.

The group agreed that the level of detail was about right. He will make a few more refinements and send back out.

ACTION ITEM: SW will make tweaks to presentation and send to DO and KF for review prior to posting.

KF presented (via PowerPoint) on prey based criteria. Kipp presented this as possible a threat reduction as opposed to a criteria, but MR supported having prey as a criteria. Black footed ferret recovery plan looks at prairie dogs in this way. DO pointed out that they are solely depended on prairie dogs while panthers eat a wide-ranging and variable diet.

ACTION ITEM: KF agreed to summarize this in 1-2 paragraphs and provide to group.

RK discussed Habitat Loss PowerPoint presented during October 12, 2016 sub-team call and errors that were discovered and rectified. This revised presentation has been posted on the sub-team's web page.

RK updated the group on his work with assessing habitat loss in the future based on the "Florida 2060" report and Frakes et al modeling. He will provide a PowerPoint to the sub-team for review. Pointed out that habitat modeling so far is just south of river. 2060 plan provides eye opening evidence regarding the amount of development that will occur within south Florida over the next 44 years.

The team discussed the use of road kill data as a possible recovery criteria. Appealing given the reliability with which data is collected from via this source and how it seems to trend currently with an increasing panther population. One specific type of mortality may not suffice within a recovery criteria framework. May need to be inclusive of all sources of cause-specific mortality.

The initial text offered by Roxanna was:

Total number of road-related panther mortalities does not reduce the probability of persistence below 95% for 100 years.

ACTION ITEM: This is a start but need to be fleshed out more. DO, DS, and KF will pursue.